ABSTRACT OF THE DISCLOSURE

An improved telephone customer transmission line conditioner, method of making a line conditioner, improved build-out, method of making a build-out, and improved method of conditioning a line using the line conditioner and/or the improved build-out provide improved voice-band transmission as compared to a bare twisted pair, while also allowing the transmission of high-frequency digital signals, such as ADSL signals and other signals. The apparatus and method provide a boost in the high end of the voice-band (approximately 2kHz to 3.4kHz) to compensate for the roll-off normally located there in a bare cable, and also provide a substantial rise in the frequency response in a frequency range used for high-frequency digital transmissions. A notch in the response between frequency bands suppresses harmonic cross talk between bands.